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July 24, 1981

SUMMARY: On May 19, 1981, the Chemical Evaluation Committee of the **National Toxicology Program (NTP)** reviewed 13 new chemicals nominated for toxicological testing and made recommendations as to types of testing to be performed. The evaluation of nominated chemicals by the Committee constitutes an integral part of the NTP chemical nomination and selection process. This notice lists the 13 chemicals evaluated by the Committee and requests public comment on these chemicals.

FOR FURTHER INFORMATION AND SUBMISSION OF COMMENTS, CONTACT:

Dr. Dorothy Canter, Assistant to the Director, **National Toxicology Program**, Room 2b-55, Building 31, National Institutes of Health, Bethesda, Maryland 20205, (301) 496-3511.

TEXT: SUPPLEMENTARY INFORMATION: As part of the chemical selection process of the National Toxicology Program (NTP), nominated chemicals which have been reviewed by the NTP Chemical Evaluation Committee (CEC) are published with request for comment in the Federal Register and *NTP Technical Bulletin*. This enables outside individuals and groups to participate in the NTP evaluation process thereby helping the NTP to make better informed decisions as to whether to select, reject, or defer chemicals for testing.

The comments and data supplied as a result of this request for information are reviewed and summarized by NTP technical staff and made available to both the NTP Board of Scientific Counselors for its evaluation of nominated chemicals and to the NTP Executive Committee for decision making. The NTP chemical selection process is summarized in the Federal Register, April 14, 1981 (46 FR 21828).

On May 19, 1981, the CEC met to evaluate thirteen new chemicals nominated to the NTP for testing. The following table lists the chemicals, their Chemical Abstract Service (CAS) registry numbers, and the types of testing recommended by the CEC at the meeting.

Chemical	CAS No.	Committee recommendation
1. Codeine	76-57-3	Reproductive effects; Carcinogenicity.
2. Gallium arsenide	1303-00-0	Metabolism.
3. Mercuric oxide yellow	1344-45-2	No testing recommended.
4. Methiodal sodium	126-31-8	<i>Salmonella</i> microsomal assay.
5. N-Methyl-N-nitroso p-toluenesulfonamide	80-11-5	Strain A mouse lung adenoma assay.
6. Nickel oxide	1313-99-1	Carcinogenicity (inhalation).
7. Scopolamine	51-34-3	Reproductive effects; Carcinogenicity.
8. Sodium chromate	7775-11-3	Carcinogenicity (inhalation).
9. Sulfanilamide	63-74-1	<i>Drosophila</i> studies.
10. Sulfamethi- zole	144-82-1	<i>Salmonella</i> microsomal assay; <i>Drosophila</i> studies.
11. Sulfathi- azole	72-14-0	<i>Salmonella</i> microsomal assay; <i>Drosophila</i> studies.
12. Salicylazo-sulfapyridine	599-79-1	<i>Salmonella</i> microsomal assay; <i>Drosophila</i> studies; Carcinogenicity.
13. Theophylline	58-55-9	Reproductive studies (oral); Carcinogenicity (oral).

The Committee recommended that the short term mutagenicity testing of the four sulfa drugs, namely, sulfanilamide, sulfamethizole, sulfathiazole and salicylazosulfapyridine be conducted as a class study. The *Salmonella* microsomal assay was not recommended for sulfanilamide because the chemical had been previously selected by the NTP for such testing.

Interested parties are requested to submit pertinent information. Of particular relevance are the following types of data:

(1) Completed, ongoing and/or planned toxicological testing in the private sector including detailed protocols and, in the case of completed studies, resultant data.

(2) Modes of production, present production levels and potential for occupational exposure.

(3) Uses and resulting exposure levels, where known.

(4) Results from toxicological studies of structurally related compounds.

Kindly submit such information in writing by August 24, 1981. Submissions received after this date, however, will be accepted and utilized where possible.

Dated: July 20, 1981.

David P. Rall, M.D.,

Director, National Toxicology Program.

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